

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/500,477A

CRF Edit Date: 4/19/06
Edited by: h

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: invalid beginning/end-of-file text ; page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



PCT

RAW SEQUENCE LISTING

DATE: 04/19/2006

PATENT APPLICATION: US/10/500,477A

TIME: 12:29:13

Input Set : A:\03-SQ Listing-18 Jan 2005.txt

Output Set: N:\CRF4\04192006\J500477A.raw

3 <110> APPLICANT: Pettersson, Dan
 4 Fuglsang, Claus Crone
 5 Wu, Wenping
 7 <120> TITLE OF INVENTION: Thermostable Enzyme Compositions
 9 <130> FILE REFERENCE: 10254.204-US
 11 <140> CURRENT APPLICATION NUMBER: 10/500,477A
 12 <141> CURRENT FILING DATE: 2004-06-29
 14 <160> NUMBER OF SEQ ID NOS: 18
 16 <170> SOFTWARE: PatentIn version 3.3

ERRORED SEQUENCES

808 <210> SEQ ID NO: 18
 809 <211> LENGTH: 335
 810 <212> TYPE: PRT
 811 <213> ORGANISM: Thermoascus aurantiacus
 813 <400> SEQUENCE: 18

815 Met Lys Leu Gly Ser Leu Val Leu Ala Leu Ser Ala Ala Arg Leu Thr
 816 -30 -25 -20
 819 Leu Ser Ala Pro Leu Ala Asp Arg Lys Gln Glu Thr Lys Arg Ala Lys
 820 -15 -10 -5 -1
 823 Val Phe Gln Trp Phe Gly Ser Asn Glu Ser Gly Ala Glu Phe Gly Ser
 824 1 5 10 15
 827 Gln Asn Leu Pro Gly Val Glu Gly Lys Asp Tyr Ile Trp Pro Asp Pro
 828 20 25 30
 831 Asn Thr Ile Asp Thr Leu Ile Ser Lys Gly Met Asn Ile Phe Arg Val
 832 35 40 45
 835 Pro Phe Met Met Glu Arg Leu Val Pro Asn Ser Met Thr Gly Ser Pro
 836 50 55 60
 839 Asp Pro Asn Tyr Leu Ala Asp Leu Ile Ala Thr Val Asn Ala Ile Thr
 840 65 70 75 80
 843 Gln Lys Gly Ala Tyr Ala Val Val Asp Pro His Asn Tyr Gly Arg Tyr
 844 85 90 95
 847 Tyr Asn Ser Ile Ile Ser Ser Pro Ser Asp Phe Gln Thr Phe Trp Lys
 848 100 105 110
 851 Thr Val Ala Ser Gln Phe Ala Ser Asn Pro Leu Val Ile Phe Asp Thr
 852 115 120 125
 855 Asn Asn Glu Tyr His Asp Met Asp Gln Thr Leu Val Leu Asn Leu Asn
 856 130 135 140
 859 Gln Ala Ala Ile Asp Gly Ile Arg Ser Ala Gly Ala Thr Ser Gln Tyr
 860 145 150 155 160
 863 Ile Phe Val Glu Gly Asn Ser Trp Thr Gly Ala Trp Thr Trp Thr Asn

**Does Not Comply
 Corrected Diskette Needed**

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RAW SEQUENCE LISTING

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Input Set : A:\03-SQ Listing-18 Jan 2005.txt

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```

864          165          170          175
867 Val Asn Asp Asn Met Lys Ser Leu Thr Asp Pro Ser Asp Lys Ile Ile
868          180          185          190
871 Tyr Glu Met His Gln Tyr Leu Asp Ser Asp Gly Ser Gly Thr Ser Ala
872          195          200          205
875 Thr Cys Val Ser Ser Thr Ile Gly Gln Glu Arg Ile Thr Ser Ala Thr
876          210          215          220
879 Gln Trp Leu Arg Ala Asn Gly Lys Lys Gly Ile Ile Gly Glu Phe Ala
880 225          230          235          240
883 Gly Gly Ala Asn Asp Val Cys Glu Thr Ala Ile Thr Gly Met Leu Asp
884          245          250          255
887 Tyr Met Ala Gln Asn Thr Asp Val Trp Thr Gly Ala Ile Trp Trp Ala
888          260          265          270
891 Ala Gly Pro Trp Trp Gly Asp Tyr Ile Phe Ser Met Glu Pro Asp Asn
892          275          280          285
895 Gly Ile Ala Tyr Gln Gln Ile Leu Pro Ile Leu Thr Pro Tyr Leu
896          290          295          300
E--> 902 1

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/500,477A

DATE: 04/19/2006
TIME: 12:29:14

Input Set : A:\03-SQ Listing-18 Jan 2005.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5,6,7,8,9,10,11,12,13

VERIFICATION SUMMARY

DATE: 04/19/2006

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TIME: 12:29:14

Input Set : A:\03-SQ Listing-18 Jan 2005.txt

Output Set: N:\CRF4\04192006\J500477A.raw

L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:902 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18